--5.(Amended) A method according to claim 3, character-
ized in that comparison (363) of the files after filtering
is carried out by means of a correlation operation.--

--7.(Amended) A method according to claim 1, character-
ized in that it comprises in addition a stage (39) of recon-
struction of the phase of the wavefront, making it possible
in particular to determine the exact value of the deflection
of the wavefront.--

--10.(Amended) A device according to claim 8, character-
ized in that at least one local variation of the structure of
the array is a controlled variation, introduced during
manufacture of the array.--

--11.(Amended) A device according to claim 8, character-
ized in that the general form of the frequency distribution of
the slopes of the wavefront being known, local variations are
introduced into the structure of the array in such a way that
the frequency distribution of the contribution due to these
local variations is adapted to the said general form.--

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--12.(Amended) A device according to claim 8, characterized in that at least one local variation of the structure consists of a difference in the position of one or more adjacent microlenses, the contributions taken from each of the two files to be compared (36) being the contributions due to the local variation in the positions of the spots.--

--13.(Amended) A device according to claim 8, characterized in that at least one local variation of the structure consists of a variation in transmission of one or more adjacent microlenses, the files (32, 35) in addition associating with each subaperture, the intensity of the spot originating from the said subaperture, the contributions taken from each of the two files to be compared (36) being the contributions due to the local variation in the intensities of the spots.--